

AMENDMENTS TO THE CLAIMS:

Claim 1, "amended"

A stabilizing device ~~An anti-motion sickness device~~ comprised of:

- a stabilized payload platform for supporting a person or item(s) to be stabilized;
- a base mounted to the vehicle or moving object;
- a stabilizing system connecting the stabilized payload platform to the base, the stabilizing system including a first sensor package for sensing motion of the vehicle about two or three perpendicular axes of rotation, a second sensor package located on the stabilized platform which provides level horizon data,
- a control system for stabilizing the stabilized payload platform based upon the first sensor package which is referenced to the second sensor package,
- a braking system which prevents the stabilized payload platform from falling ~~or~~ ~~flipping~~ over when the power source to the drive mechanisms which hold the stabilized payload platform, are shut off, disconnected or fail.

Claim 2, "amended"

A stabilizing device comprised of:

- a stabilized payload platform for supporting a person(s) or item(s) to be stabilized;
- a base mounted to the vehicle or moving object;
- a stabilizing system connecting the stabilized platform to the base wherein the stabilizing system can receive sensor data or stabilization commands from a vehicle or ship's gyro compass or other sensing source via hard wire or wireless remote control, and wherein the stabilizing device has at least one or more of the following:
 - a braking system which prevents the stabilized payload platform from falling over when the power source to the drive mechanisms which hold the stabilized payload platform, are shut off, disconnected or fail,
 - a control system wherein the sensor data or stabilization commands will cause the stabilized payload platform to exhibit an artificial horizon such as would be the output of a level sensor,
 - a variable control which allows the stabilization to be adjusted throughout the range wherein the stabilized payload platform will be level with the horizon to exhibiting the artificial horizon consistent with the level sensor's output.

~~The anti-motion sickness device of claim 1 wherein the stabilizing system connecting the stabilized platform to the base receives command information from _____ an external source comprising a ship's gyro compass.~~

Claim 3, "amended"

The stabilizing device ~~anti-motion device~~ of Claim 4 ~~2~~ wherein the stabilized payload platform is fitted with one or more of a chair, a table, a bed, a medical operating table, a room, or any other item to be stabilized and which allows the occupant(s) or items being stabilized to be isolated from the ~~and significantly reduces the~~ rolling, pitching and jolting imparted by the vehicle. ~~What is claimed is an automatic leveling and stabilized anti-motion sickness chair.~~

Claim 4, "amended"

The stabilizing device of Claim 2 wherein the payload platform can be operated in an inverted position and allow an item needing stabilization to be hung from the stabilized platform.

~~The anti-motion device of Claim 1 wherein the stabilized platform is fitted with a table which allows the payload to be isolated and significantly reduces the rolling, pitching and jolting imparted by the vehicle. What is claimed is an automatic leveling and stabilized table.~~

Claim 5, "amended"

The stabilizing device of Claim 2 wherein the stabilization is autonomous and self correcting.

~~The anti-motion device of Claim 1 wherein the stabilized platform is fitted with a bed which allows the occupant(s) to be isolated and significantly reduces the rolling, pitching and jolting imparted by the vehicle. What is claimed is an automatic leveling and stabilized bed.~~

Claim 6, "amended"

The stabilizing device of Claim 2 wherein the stabilizing device is scalable to be smaller or larger.

~~The anti-motion device of Claim 1 wherein the stabilized platform is fitted with a hospital bed and attached walkways and work stations which allows the patient to be isolated and significantly reduces the rolling, pitching and jolting imparted by the vehicle. The walkways~~

and workstations allow the medical team to perform medical operations and be stabilized in relation to the patient. What is claimed is an automatic leveling and stabilized operating bed.

Claim 7, "canceled"

The anti-motion device of Claim 1 wherein the stabilized platform is fitted with a room which allows the occupant(s) to be isolated and significantly reduces the rolling, pitching and jolting imparted by the vehicle. What is claimed is an automatic leveling and stabilized room.

Claim 8, "amended"

A method for stabilizing a platform comprised of the steps of;

Providing a stabilized payload platform;

Providing a base mounted to the vehicle or moving object;

Providing a stabilizing system connected between the stabilized payload platform and the base for stabilizing the payload platform relative to the base;

Providing a braking system which prevents the stabilized platform from falling over when the power source to the drive mechanisms which hold the stabilized payload platform are shut off, disconnected or fail;

A method for stabilizing an object, to reduce or eliminate motion wherein the object is at least one of a room, a chair, a table, and a bed, the motion being of the type which may cause motion sickness;

Claim 9, "amended"

A method for stabilizing a platform comprised of the steps of;

Providing a stabilized payload platform;

Providing a base mounted to the vehicle or moving object;

Providing a stabilizing system connected between the stabilized payload platform and the base for stabilizing the payload platform relative to the base;

Providing one or more of the following capabilities;

a braking system which prevents the stabilized platform from falling over when the power source to the drive mechanisms which hold the stabilized payload platform are shut off, disconnected or fail;

a control system wherein the sensor data or stabilization commands will cause the stabilized payload platform to exhibit an artificial horizon such as would be the output of a level sensor;

a variable control which allows the stabilization to be adjusted throughout the range of allowing the stabilized payload platform to remain level with the horizon, or to exhibit the artificial horizon consistent with the level sensor's output.

~~The method for stabilizing of claim 8, wherein the object is a table, and there is a step of stabilizing to reduce or eliminate motion.~~

Claim 10, "amended"

The method for stabilizing of claim 9, wherein there is the step of placing a person(s) or item(s) on, or attached to the stabilized payload platform.

~~The method for stabilizing of claim 8, wherein the object is a bed, to reduce or eliminate motion which may cause motion sickness.~~

Claim 11, "amended"

The method for stabilizing of claim 9 wherein there is the step of performing medical procedures wherein one or more of the persons or items involved with the medical procedure are stabilized. the object comprises a medical operating table, connected walkways and work stations in such a way as to allow delicate medical operations to be performed on moving vehicles.

Claim 12, "amended"

The method for stabilizing of Claim 9 and providing a for stabilizing and making the payload platform consisting of a room in order to provide stabilization to the room and all of its contents.

Claim 13, "amended"

The stabilizing device anti-motion device of Claim 3 2 wherein the stabilized payload platform is and chair are stabilized in three perpendicular axes, allowing the occupant(s) or item(s) to be stabilized in relation to the horizon and to a magnetic direction.

Claim 14, "amended"

The stabilizing device anti-motion device of Claim 13 wherein there are the stabilized platform has controls which allow the stabilized payload platform to maintain a level position which may be at an angle to the horizon.

Claim 15, "amended"

The ~~stabilizing device~~ ~~anti-motion device~~ of Claim 4 2 wherein the device is portable and can be easily moved from location to location by being carried due to its light weight, or rolled using wheels attached to the device and may have a locking device or attachment hardware to secure it to a vessel or vehicle.

Claim 16, "amended"

The ~~stabilizing device~~ ~~anti-motion device~~ of Claim 4 2 wherein the device is controllable by the occupant or a separate operator using a remote control panel, the controls comprising one or more of:

- an On/Off control;
- a speed of stabilization control;
- an angle of horizontal stabilization control;
- an azimuth angle of stabilization to allow the occupant to point or be pointed in a specific direction.

Claim 17, "amended"

The ~~stabilizing device~~ ~~anti-motion device~~ of Claim 16 wherein the control mechanism is a wireless remote control.

Claim 18, "amended"

A method ~~for grouping one or more anti-motion sickness devices on a sightseeing vehicle comprising mounting one or more stabilization devices, each having one or more payload platforms including one or more of a chair, bed, table or other payload platform, on a vehicle and providing the occupant(s) or items to be stabilized with stabilization in one, two or three orthogonal axis wherein the occupant(s) are stabilized against motion sickness, and providing one or more of the occupants or the operator with controls including one or more of: On/Off, horizontal angle of stabilization, speed of stabilization and direction to be faced,~~
~~whereupon a group is formed and stabilized from the vehicle pitch and roll in one, two or three orthogonal axes.~~

Claim 19, "canceled"

~~Claim 19. The method of claim 18 further comprising a step of a user operator pointing the stabilized occupants in any direction using a remote or wireless remote control.~~

Claim 20, "amended"

The ~~stabilized device~~ anti-motion device of Claim 4, 2 wherein the actuators ~~comprise stabilized platform is moveable by~~ at least one of electronic motors, motors and gears, linear actuators, hydraulic actuators, or any other ~~and any~~ method of actuating ~~moving~~ the stabilized payload platform.